

## SEQUENCE LISTING



<110> JULIUS, Michael H.  
FILIPP, Dominik

<120> THE INDUCTION OF ANTIBIOTIC PROTEINS AND PEPTIDES BY  
LAIT/sCD14-PROTEIN

<130> 47841/00063

<140> US 09/721,904  
<141> 2000-11-27

<150> PCT/CA99/00482  
<151> 1999-05-27

<150> US 60/086,884  
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MAR 18 2003

TECH CENTER 1600/2900

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 Phe Arg Cys Val Cys Asn Phe Thr Asp Pro Lys Pro Asp Trp Ser Ser  
 35 40 45  
 Ala Val Gln Cys Met Val Ala Val Glu Val Glu Ile Ser Ala Gly Gly  
 50 55 60  
 Arg Ser Leu Glu Gln Phe Leu Lys Gly Ala Asp Thr Asn Pro Lys Gln  
 65 70 75 80  
 Tyr Ala Asp Thr Ile Lys Ala Leu Arg Val Arg Arg Leu Lys Leu Gly  
 85 90 95  
 Ala Ala Gln Val Pro Ala Gln Leu Leu Val Ala Val Leu Arg Ala Leu  
 100 105 110  
 Gly Tyr Ser Arg Leu Lys Glu Leu Thr Leu Glu Asp Leu Glu Val Thr  
 115 120 125  
 Gly Pro Thr Pro Pro Thr Pro Leu Glu Ala Ala Gly Pro Ala Leu Thr  
 130 135 140

Thr Leu Ser Leu Arg Asn Val Ser Trp Thr Thr Gly Gly Ala Trp Leu  
 145 150 155 160  
 Gly Glu Leu Gln Gln Trp Leu Lys Pro Gly Leu Arg Val Leu Asn Ile  
 165 170 175  
 Ala Gln Ala His Ser Leu Ala Phe Pro Cys Ala Gly Leu Ser Thr Phe  
 180 185 190  
 Glu Ala Leu Thr Thr Leu Asp Leu Ser Asp Asn Pro Ser Leu Gly Asp  
 195 200 205  
 Thr Gly Leu Met Ala Ala Leu Cys Pro Asn Lys Phe Pro Ala Leu Gln  
 210 215 220  
 Tyr Leu Ala Leu Arg Asn Ala Gly Met Glu Thr Pro Ser Gly Val Cys  
 225 230 235 240  
 Ala Ala Leu Ala Ala Ala Arg Val Gln Pro Gln Ser Leu Asp Leu Ser  
 245 250 255  
 His Asn Ser Leu Arg Val Thr Ala Pro Gly Ala Thr Arg Cys Val Trp  
 260 265 270  
 Pro Ser Ala Leu Arg Ser Leu Asn Leu Ser Phe Ala Gly Leu Glu Gln  
 275 280 285  
 Val Pro Lys Gly Leu Pro Pro Lys Leu Ser Val Leu Asp Leu Ser Cys  
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 Asn Lys Leu Ser Arg Glu Pro Arg Arg Asp Glu Leu Pro Glu Val Asn  
 305 310 315 320  
 Asp Leu Thr Leu Asp Gly Asn Pro Phe Leu Asp Pro Gly Ala Leu Gln  
 325 330 335  
 His Gln Asn Asp Pro Met Ile Ser Gly Val Val Pro Ala Cys Ala Arg  
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 Ala Arg Gly Phe Ala  
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 Arg Cys Val Cys Asn Phe Ser Glu Pro Gln Pro Asp Trp Ser Glu Ala  
 35 40 45  
 Phe Gln Cys Val Ser Ala Val Glu Val Glu Ile His Ala Gly Gly Leu  
 50 55 60

Asn	Leu	Glu	Pro	Phe	Leu	Lys	Arg	Val	Asp	Ala	Asp	Ala	Asp	Pro	Arg	65	70	75	80
Gln	Tyr	Ala	Asp	Thr	Val	Lys	Ala	Leu	Arg	Val	Arg	Arg	Leu	Thr	Val	85	90	95	
Gly	Ala	Ala	Gln	Val	Pro	Ala	Gln	Leu	Leu	Val	Gly	Ala	Leu	Arg	Val	100	105	110	
Leu	Ala	Tyr	Ser	Arg	Leu	Lys	Glu	Leu	Thr	Leu	Glu	Asp	Leu	Lys	Ile	115	120	125	
Thr	Gly	Thr	Met	Pro	Pro	Leu	Pro	Leu	Glu	Ala	Thr	Gly	Leu	Ala	Leu	130	135	140	
Ser	Ser	Leu	Arg	Leu	Arg	Asn	Val	Ser	Trp	Ala	Thr	Gly	Arg	Ser	Trp	145	150	155	160
Leu	Ala	Glu	Leu	Gln	Gln	Trp	Leu	Lys	Pro	Gly	Leu	Lys	Val	Leu	Ser	165	170	175	
Ile	Ala	Gln	Ala	His	Ser	Pro	Ala	Phe	Ser	Tyr	Glu	Gln	Val	Arg	Ala	180	185	190	
Phe	Pro	Ala	Leu	Thr	Ser	Leu	Asp	Leu	Ser	Asp	Asn	Pro	Gly	Leu	Gly	195	200	205	
Glu	Arg	Gly	Leu	Met	Ala	Ala	Leu	Cys	Pro	His	Lys	Phe	Pro	Ala	Ile	210	215	220	
Gln	Asn	Leu	Ala	Leu	Arg	Asn	Thr	Gly	Met	Glu	Thr	Pro	Thr	Gly	Val	225	230	235	240
Cys	Ala	Ala	Leu	Ala	Ala	Ala	Gly	Val	Gln	Pro	His	Ser	Leu	Asp	Leu	245	250	255	
Ser	His	Asn	Ser	Leu	Arg	Ala	Thr	Val	Asn	Pro	Ser	Ala	Pro	Arg	Cys	260	265	270	
Met	Trp	Ser	Ser	Ala	Leu	Asn	Ser	Leu	Asn	Leu	Ser	Phe	Ala	Gly	Leu	275	280	285	
Glu	Gln	Val	Pro	Lys	Gly	Leu	Pro	Ala	Lys	Leu	Arg	Val	Leu	Asp	Leu	290	295	300	
Ser	Cys	Asn	Arg	Leu	Asn	Arg	Ala	Pro	Gln	Pro	Asp	Glu	Leu	Pro	Glu	305	310	315	320
Val	Asp	Asn	Leu	Thr	Leu	Asp	Gly	Asn	Pro	Phe	Leu	Val	Pro	Gly	Thr	325	330	335	
Ala	Leu	Pro	His	Glu	Gly	Ser	Met	Asn	Ser	Gly	Val	Val	Pro	Ala	Cys	340	345	350	
Ala	Arg	Ser	Thr	Leu	Ser	Val	Gly	Val	Ser	Gly	Thr	Leu	Val	Leu	Leu	355	360	365	
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 Gly Ala Ala Asp Val Glu Leu Tyr Gly Gly Gly Arg Ser Leu Glu Tyr  
 50 55 60  
 Leu Leu Lys Arg Val Asp Thr Glu Ala Asp Leu Gly Gln Phe Thr Asp  
 65 70 75 80  
 Ile Ile Lys Ser Leu Ser Leu Lys Arg Leu Thr Val Arg Ala Ala Arg  
 85 90 95  
 Ile Pro Ser Arg Ile Leu Phe Gly Ala Leu Arg Val Leu Gly Ile Ser  
 100 105 110  
 Gly Leu Gln Glu Leu Thr Leu Glu Asn Leu Glu Val Thr Gly Thr Ala  
 115 120 125  
 Pro Pro Pro Leu Leu Glu Ala Thr Gly Pro Asp Leu Asn Ile Leu Asn  
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 Leu Arg Asn Val Ser Trp Ala Thr Arg Asp Ala Trp Leu Ala Glu Leu  
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 165 170 175  
 His Ser Leu Asn Phe Ser Cys Glu Gln Val Arg Val Phe Pro Ala Leu  
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 Ser Thr Leu Asp Leu Ser Asp Asn Pro Glu Leu Gly Glu Arg Gly Leu  
 195 200 205  
 Ile Ser Ala Leu Cys Pro Leu Lys Phe Pro Thr Leu Gln Val Leu Ala  
 210 215 220  
 Leu Arg Asn Ala Gly Met Glu Thr Pro Ser Gly Val Cys Ser Ala Leu  
 225 230 235 240  
 Ala Ala Ala Arg Val Gln Leu Gln Gly Leu Asp Leu Ser His Asn Ser  
 245 250 255  
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 260 265 270  
 Asn Ser Leu Asn Leu Ser Phe Thr Gly Leu Lys Gln Val Pro Lys Gly  
 275 280 285  
 Leu Pro Ala Lys Leu Ser Val Leu Asp Leu Ser Tyr Asn Arg Leu Asp  
 290 295 300

Arg Asn Pro Ser Pro Asp Glu Leu Pro Gln Val Gly Asn Leu Ser Leu  
305 310 315 320

Lys Gly Asn Pro Phe Leu Asp Ser Glu Ser His Ser Glu Lys Phe Asn  
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Ser Gly Thr Leu Ala Leu Leu Leu Gly Asp Arg Leu Phe Val  
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35 40 45

Ala Leu Gln Cys Met Pro Ala Val Gln Val Glu Met Trp Gly Gly Gly  
50 55 60

His Ser Leu Glu Gln Phe Leu Arg Gln Ala Asp Leu Tyr Thr Asp Gln  
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Arg Arg Tyr Ala Asp Val Val Lys Ala Leu Arg Val Arg Arg Leu Thr  
85 90 95

Val Gly Ala Val Gln Val Pro Ala Pro Leu Leu Leu Gly Val Leu Arg  
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Val Leu Gly Tyr Ser Arg Leu Lys Glu Leu Ala Leu Glu Asp Ile Glu  
115 120 125

Val Thr Gly Thr Ala Pro Pro Pro Pro Pro Leu Glu Ala Thr Gly Pro  
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Ala Leu Ser Thr Leu Ser Leu Arg Asn Val Ser Trp Pro Lys Gly Gly  
145 150 155 160

Ala Trp Leu Ser Glu Leu Gln Gln Trp Leu Lys Pro Gly Leu Gln Val  
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Leu Asn Ile Ala Gln Ala His Thr Leu Ala Phe Ser Cys Glu Gln Val  
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Arg Thr Phe Ser Ala Leu Thr Thr Leu Asp Leu Ser Glu Asn Pro Gly  
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245 250 255

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Pro Lys Val Val Asn Leu Ser Leu Asp Gly Asn Pro Phe Leu Val Pro  
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Gly Ala Ser Lys Leu Gln Glu Asp Leu Thr Asn Ser Gly Val Phe Pro  
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&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Chemically synthesized polypeptide

&lt;400&gt; 9

Leu Leu Leu Leu Leu Leu Pro Ser

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5

&lt;210&gt; 10

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Chemically synthesized polypeptide

&lt;400&gt; 10

Leu Leu Leu Leu Leu Leu Pro Leu

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5

10/10

<210> 11

<211> 8

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Chemically  
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